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| ALL STRINGS SEARCHED /SPG/ |
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EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1 | 750 | 362/555.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:22 |
| S2 | 719 | S1 and (LED or "light-emitting diode" or "light emitting diode") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 12:23 |
| S3 | 212 | S1 and (LED or "light-emitting diode" or "light emitting diode") and (fluorescent or flourescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 12:24 |
| S4 | 6 | ("3723833" "4296539" "6490159" "6573536" "6831303" "6848819").PN. OR ("7242028").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 14:26 |
| S5 | 102 | 362/229.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 14:26 |
| S6 | 10 | S5 and (LED or "light emitting diode" or "light-emitting diode") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 14:27 |
| S7 | 30 | ("20020060526" "20060007682" "20060203465" "20060203493" "2713629" "3714414" "3755663" "4152618" "4521835" "4581687" "4665470" "4748545" "4901207" "4941072" "4943900" "5032960" "5515253" "5688042" "5810463" "6068383" "6139174" "6283612" "6331915" "6388393" "6583550" "6682205" "6860628" "6908220" "6932492").PN. OR ("7249865").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:04 |
| S8 | 1345 | 362/235-237.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 15:31 |
| S9 | 435 | S8 and (LED or "light-emitting diode" or "light emitting diode") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 15:55 |
| S10 | 4 | "6756893" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 15:55 |

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| S11 | 14 | "2342639" "4195281" "5216328" "5491383" "5680098" "5685637" "5921660" "5955945" "6281631" "6338647" "6417624").PN. OR ("6756893").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:08 |
| S12 | 24 | "6330111" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:19 |
| S13 | 42 | "6234648" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:53 |
| S14 | 378 | "1535486" "1565500" "1706939" "1732707" "1920599" "20010014019" "20010035853" "20010038532" "20020006044" "20020030997" "20020071285" "20020075671" "20020075674" "20020075677" "20020075679" "20020105800" "20020118538" "20020131273" "20020135997" "20020141058" "20020145392" "20030007887" "20030021117" "20030039115" "20030046842" "20030071932" "20030078791" "20030095409" "20030096535" "20030102810" "20030117088" "20030137258" "20030156425" "20030209183" "20030231488" "20040066652" "20040070967" "20040080941" "20040095078" "20040095754" "20040095780" "20040109317" "20040124790" "20040135522" "20040189218" "20040189262" "20040246711" "20040257798" "20040264185" "20050024892" "20050030747" "20050036300" "20050047127" "20050074358" "20050099108" "20050104503" "20050128751" "20050169015" "20050169666" "20050173675" "20050185392" "20050195600" "20050258439" "20050258440" "20050259416" "20050265018" "20050265023" "20050269581" "20050275626" "20050281030" "20050285538" "20060001677" "20060002102" "20060002110" "20060006784" "20060022214" "20060023447" "20060045818" "20060055315" "20060071589" "20060081871" "20060082333" "20060083013" "20060103291" "20060114670" "20060120080" "20060158138" "20060176690" "20060220990" "20060238136" "20060275040" "2124543" "2143246" "2372371" "2435756" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:32 |

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| S15 | 1 | "6799905" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:49 |
| S16 | 5 | "6779905" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:49 |
| S17 | 105 | "5463280" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 17:19 |
| S18 | 99 | "4211955" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 17:19 |
| S19 | 1140 | 362/84.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 09:57 |

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| S20 | 431 | S19 and (LED or "light-emitting diode" or "light emitting diode") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 09:58 |
| S21 | 233 | S20 and (fluorescent or flourescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:14 |
| S22 | 3135 | 362/228,230,240,245,246,251,255,256.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:18 |
| S23 | 318 | S22 and (LED or "light emitting diode" or "light-emitting diode") and (fluorescent or flourescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:18 |
| S24 | 10 | ("1488284" "4063079" "5749646").PN. OR ("6234649").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:48 |
| S25 | 1936 | 362/293.cds. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:48 |
| S26 | 100 | S25 and (LED or "light emitting diode" or "light-emitting diode") and (fluorescent or flourescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 10:54 |
| S27 | 10574103 | "296" "20" "583" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/25 10:54 |
| S28 | 7742334 | DE "29620583" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/25 10:54 |
| S29 | 1 | DE near "19829270" | DERWENT | OR | ON | 2007/09/25 11:04 |
| S30 | 1 | "20030021117" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 11:26 |
| S31 | 1 | "2003/0021117" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 11:27 |
| S32 | 1 | "20050099108" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:03 |

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| S33 | 1051 | 313/317.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:03 |
| S34 | 14 | S33 and (LED or "light-emitting diode" or "light emitting diode") and (fluorescent or fluorescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:04 |
| S35 | 10 | ("4871944" "5243256" "5610476").PN. OR ("5828170").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:45 |
| S36 | 1049 | 313/318.01,318.120.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:46 |
| S37 | 73 | S36 and (LED or "light-emitting diode" or "light emitting diode") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:46 |
| S38 | 21 | S36 and (LED or "light-emitting diode" or "light emitting diode") and (fluorescent or fluorescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 12:46 |
| S39 | 1096 | ("light-emitting diode" or "light emitting diode") with ("fluorescent bulb" or "fluorescent light") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 16:46 |
| S40 | 3637 | 313/317-318.12.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:05 |
| S41 | 13 | S40 and ("light-emitting diode" or "light emitting diode") and (fluorescent or fluorescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:06 |
| S42 | 52 | S40 and (LED or "light-emitting diode" or "light emitting diode") and (fluorescent or fluorescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/25 17:06 |
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| S50 | 4 | ("2006/0238136").URPN. | USPAT | OR | ON | 2008/06/24 10:10 |
| S51 | 1 | ("2006/0226795").URPN. | USPAT | OR | ON | 2008/06/24 10:11 |

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| S54 | 7 | ("5173632" "5465025" "5828170" "5844357" "5911499" "5912536").PN. OR ("6153972").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/24 10:19 |
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| S60 | 30 | ("20020060526" "20060007682" "20060203465" "20060203493" "2713629" "3714414" "3755663" "4152618" "4521835" "4581687" "4665470" "4748545" "4901207" "4941072" "4943900" "5032960" "5515253" "5688042" "5810463" "6068383" "6139174" "6283612" "6331915" "6388393" "6583550" "6682205" "6860628" "6908220" "6932492").PN. OR ("7249865").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/24 10:30 |
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| S77 | 3 | "6688753" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 15:14 |

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| S79 | 7 | ("4211955" "5463280" "6330111").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/28 15:40 |
| S80 | 2 | "7476002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 13:54 |
| S81 | 335 | ("1535486" "1565500" "1706939" "1732707" "1920599" "20010014019" "20010035853" "20010038532" "20010049893" "20020006044" "20020030997" "20020071285" "20020075671" "20020075674" "20020105800" "20020118538" "20020131273" "20020135997" "20020136017" "20020141058" "20030007887" "20030021117" "20030039115" "20030046842" "20030071932" "20030078791" "20030095409" "20030107887" "20030209183" "20030231488" "20040066652" "20040070967" "20040095078" "20040095754" "20040095780" "20040109317" "20040124790" "20040141321" "20040179358" "20040189218" "20040212321" "20040232825" "20040246711" "20040257798" "20040264185" "20050024892" "20050030747" "20050036300" "20050047127" "20050074358" "20050099108" "20050104503" "20050128751" "20050162101" "20050169015" "20050169643" "20050169666" "20050169812" "20050173675" "20050174473" "20050185392" "20050185398" "20050195598" "20050195600" "20050207152" "20050213342" "20050258439" "20050258440" "20050259416" "20050265018" "20050265023" "20050269581" "20050275626" "20050281030" "20050285538" "20060001677") | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/28 13:54 |

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| S82 | 2 | "7484860" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 13:56 |
| S83 | 2 | "7520635" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/28 13:56 |
| S84 | 8 | ("5711591").PN. OR ("6688753").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 15:38 |

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|-----|-----|--|---|----|----|---------------------|
| S85 | 145 | 4211955" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:41 |
| S86 | 46 | ("4211955" "4298869" "5655830" "5688042" "5726535" "5921660" "5949347" "6227679" "6525668" "6550953").PN. OR ("6621222").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 15:43 |
| S87 | 2 | "20070030693" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:49 |
| S88 | 2 | "7484860" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:50 |
| S89 | 2 | "7476002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:51 |
| S90 | 4 | "7232247" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:51 |

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|-----|----|---------------|---|----|----|---------------------|
| S91 | 6 | "7059755" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:52 |
| S92 | 2 | "7452099" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:55 |
| S93 | 2 | "20050270771" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:55 |
| S94 | 20 | "6017241" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:56 |
| S95 | 14 | "6261119" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:57 |
| S96 | 59 | "6550949" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:57 |

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| S97 | 76 | "5664862" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:58 |
| S98 | 19 | "6007223" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 15:59 |
| S99 | 4 | "7416322" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/08 16:02 |
| S100 | 17 | ("2005/0099108").URPN. | USPAT | OR | ON | 2009/09/08 16:06 |
| S101 | 8 | ("5060118" "6062706" "6126303" "6932492").PN. OR ("7192160").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 16:24 |
| S102 | 8 | ("5711591").PN. OR ("6688753").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 16:28 |
| S103 | 19 | ("1488284" "4063079" "5749646").PN. OR ("6234649").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 16:30 |
| S104 | 128 | ("0739845" "0849574" "2175072" "3089973" "3931689" "4148096" "4727289" "4953067" "4965457" "5006971" "5018290" "5103382" "5160201" "5220235" "5268828" "5303124" "5343375" "5365411" "5388357" "5410453" "5416679" "5463280" "5506760" "5575459").PN. OR ("5688042").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 16:34 |

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|------|-----|--|---|----|----|---------------------|
| S105 | 28 | ("2821646" "3089973" "3145493" "4019196" "4211955" "4620268" "4783726" "4812956" "4907044" "5160201" "5365411").PN. OR ("5506760").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/08 16:58 |
| S106 | 55 | 362/228.cds. and ("light emitting diode" or "light-emitting diode" or "led chip" or "led diode") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/09 12:41 |
| S107 | 14 | ("2041189" "2123408" "4464705" "5685637" "6280049" "6948830").PN. OR ("7008096").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/09 14:42 |
| S108 | 36 | ("0516824" "1732745" "1961116" "20020122309" "20030142495" "20040095777" "2165211" "4360862" "4727289" "4912334" "4920301" "4984142" "5152601" "5155666" "5224773" "5567036" "5585783" "5685637" "5806965" "5984494" "6013985" "6070994" "6099148" "6183100" "6425678" "6483254" "6491417" "6525668" "6626557").PN. OR ("6948830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/09 14:43 |
| S109 | 10 | ("20030057886" "20040264187" "20050195600" "6688753" "6965205").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/09 14:57 |
| S110 | 118 | "5688042" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/09 15:30 |
| S111 | 104 | "5688042" | USPAT | OR | ON | 2009/09/09 15:30 |
| S112 | 0 | "5688042.pn." | USPAT | OR | ON | 2009/09/09 15:30 |

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|------|---------|------------------------|---|----|----|---------------------|
| S113 | 8 | ("2002/0118538").URPN. | USPAT | OR | ON | 2010/04/26 14:58 |
| S114 | 13 | "6688753" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:02 |
| S115 | 25 | "5711591" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:04 |
| S116 | 3846319 | wo "02062106" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:06 |
| S117 | 1 | wo near "02062106" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:06 |
| S118 | 0 | ep near "2334832" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:07 |

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|------|--------|--|---|----|----|---------------------|
| S119 | 2 | wo near "9953236" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:13 |
| S120 | 1 | wo near "9944397" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:24 |
| S121 | 7 | georges near marie near calon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:40 |
| S122 | 97 | josephus near theodorus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:42 |
| S123 | 438265 | josephus near theodorus near van der eyden | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:42 |
| S124 | 9 | josephus near theodorus near "van der eyden" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:42 |

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| S125 | 3 | annemarie near paulien | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/26 15:43 |
| S126 | 74 | 362/228.cds. and @ad<"20020110" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/12 12:22 |
| S127 | 21 | ("2494058" "3287551" "3800136" "4199708" "4249234" "4399492" "4723200" "4751624" "4833574" "4947297" "5130910" "5174648").PN. OR ("5595438").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 12:56 |
| S128 | 10 | ("5126924" "5353203" "5353204" "5521798" "5595438" "6004013" "6497506").PN. OR ("6698912").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 13:15 |
| S129 | 9 | ("4562517" "6698912" "6860628").PN. OR ("7014341").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 13:17 |
| S130 | 43 | ("1921620" "1935697" "1971944" "2001501" "2561868" "2788462" "2831152").PN. OR ("4199708").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 13:18 |
| S131 | 1 | S130 and diode | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 13:22 |
| S132 | 14 | S126 and (diode or "led chip" or "led die") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/12 13:23 |
| S133 | 45 | ("2190035" "3816739" "4677533" "4912334" "4947291" "4963798").PN. OR ("5685637").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 14:02 |

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|------|-----|--|---|----|----|---------------------|
| S134 | 14 | ("2342639" "4195281" "5216328" "5491383" "5680098" "5685637" "5921660" "5955945" "6281631" "6338647" "6417624").PN. OR ("6756893").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 14:10 |
| S135 | 20 | "6586882" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/12 15:31 |
| S136 | 168 | ("3795830" "4271408" "4329625" "4711955" "4727289" "4736138" "4939426" "4963798" "5012157" "5155669").PN. OR ("5463280").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/12 15:54 |
| S137 | 20 | "6586882" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/12 16:08 |
| S138 | 9 | ("2002/0118538").URPN. | USPAT | OR | ON | 2011/01/04 14:35 |
| S139 | 28 | ("2748306" "3593055" "3932881" "4904901" "5535230" "5813753" "5847507" "6068383" "6234648").PN. OR ("6586882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 14:38 |
| S140 | 8 | S139 and @ad< "20020110" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 14:38 |
| S141 | 72 | ("3529200" "3593055" "5012809" "5208462" "5245623").PN. OR ("5535230").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 14:43 |
| S142 | 28 | S141 and @ad< "20020110" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 14:43 |
| S143 | 16 | ("20010048603" "5581683" "6481882" "6497496" "6874924").PN. OR ("7160012").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:06 |

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|------|----|--|---------------------------|----|----|---------------------|
| S144 | 67 | ("4111520" "4298869" "4376946" "4597033" "4607317" "4767172" "4785567" "4891896" "4976057" "4996632" "5057981" "5151679" "5201020" "5219217" "5301090" "5303133" "5365411" "5375043" "5410453" "5416679" "5459955" "5475786" "5497440" "5526236" "5537297" "5588236" "5613751" "5618096" "5640792" "5694513" "5842297" "5876107" "5879076" "5887968" "5921652" "5934792" "5950340" "5964518" "5996263" "6023869" "6042248" "6065846" "6076294" "6079838" "6095673" "6123442" "6146006" "6158882" "6186645" "6193385" "6204899" "6283612" "6354714" "6361186" "6394623" "6404131" "6488397" "6676284").PN. OR ("6874924").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:07 |
| S145 | 58 | S144 and @ad< "20020110" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:07 |
| S146 | 64 | 362/228.cds. and @ad< "20020110" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:20 |
| S147 | 14 | S146 and diode | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:20 |
| S148 | 9 | ("5479275").PN. OR ("6508576").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:31 |
| S149 | 83 | ("4171874" "4456336" "4580877" "4616295" "4660936" "4704004" "4723840" "4768096" "4798448" "4874228" "4915479" "4934793" "4936659" "4984872" "5040878" "5046826" "5050946" "5121234" "5128783" "5143433" "5161041" "5211463" "5262880").PN. OR ("5479275").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:33 |
| S150 | 22 | ("3732540" "4163217" "4734625" "4734697" "4859988" "4930049" "4958143" "5015918" "5291299" "5452188" "5499009" "5608290").PN. OR ("5785413").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:41 |
| S151 | 50 | S146 not S147 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:43 |

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|------|-----|---|---|----|----|---------------------|
| S152 | 23 | ("2494058" "3287551" "3800136" "4199708" "4249234" "4399492" "4723200" "4751624" "4833574" "4947297" "5130910" "5174648").PN. OR ("5595438").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/04 15:46 |
| S153 | 14 | de near "19829270" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/05 15:49 |
| S154 | 2 | "20010015899" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/10 12:50 |
| S155 | 196 | ("3795830" "4271408" "4329625" "4711955" "4727289" "4736138" "4939426" "4963798" "5012157" "5155669").PN. OR ("5463280").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/06/23 10:27 |

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